

Capability Statement

**Mechanical Engineering and
Indoor Environment Solutions**

Humiscope
Master your indoors



Company Profile

Welcome to Humiscope

Humiscope has been in operation since 2015. We are a team of highly skilled engineers, technicians and draftsmen and together we offer over 100 years' of combined expertise in controlling indoor environments.

We are a leading provider of cutting edge humidity control solutions, empowering businesses across various industries to optimise their processes, enhance product quality, and maintain a comfortable environment.

We understand the critical nature of our clients' businesses. Whether it's maintaining temperature, controlling humidity or improving air quality, Humiscope helps businesses and corporations to thrive by providing efficient, effective and reliable end-to-end indoor environment solutions.

We solve indoor climate challenges in ways our competitors cannot.



Meet John Morgan

Director and Technical Expert

With over 35 years HVAC experience including 30 years specialising in dehumidification technology, John is considered a leader in his field. His comprehensive knowledge and passion for staying up-to-date with the latest industry advancements allows him to provide innovative solutions and address challenges effectively. He is a hands-on operator and works collaboratively with his team, clients and contractors.

Setting the Benchmark

At Humiscope we pride ourselves on providing quality customer service and going above and beyond expectations. We believe in maintaining long-term relationships with our clients. We don't just provide solutions; we work with you as a partner to fully understand what you're trying to achieve.

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Our purpose is keeping businesses and people healthy. Support isn't simply a word for us, it is how we operate on a fundamental level.

Our vision is to be Australia's climate control specialist of choice by providing complete solutions to maintain indoor environments.

Humiscope

At a Glance

We are a group of engineers, technicians and draftsmen dedicated to our clients and committed to providing energy efficient indoor environment systems; from simple applications to specially engineered solutions.

Growth



2016	–	65%
2017	–	25%
2018	–	10%
2019	–	10%
2020	–	50%
2021	–	300%
2022	–	60%

100% Australian
Owned and
Operated

Domestic and
International
Projects

Decades of
Industry
Experience

Specialised
Mechanical
Engineering

Our Services

Leading Advice

We take a detail-oriented approach, utilise the latest technology and draw on our years of experience to ensure you master your indoor environment and maintain a safe and efficient operation.



Specialised Design and Installation

Experts in designing, building and installing state-of-the-art climate control systems with a specialised focus on dehumidification technology.



Customised Rentals

Whether you're running a temporary project or the application is affected by seasonal variations, we have a range of industrial dehumidifiers for hire that we can configure to suit a multitude of applications.



Service & Maintenance

With over 35 years' experience we are able to service and repair any brand dehumidifier regardless of make or model and can identify where improvements can be made.



Design • Build • Install

Highly Skilled Experts

Humiscope can provide complete design and installation

Initial site survey

Engineered schematics

Project supervision

Commissioning and reports

Service and maintenance

Our team can produce detailed designs and fully coordinated working drawings using the latest Auto CAD drawing software.

Design work is carried out in-house by our draftsmen in tandem with our engineers.

As we rely on technology, we keep up to date with new trends and emerging technologies and constantly innovate to achieve the best possible solutions for our clients.

During the building process, we utilise the services of trusted external partners with full coordination and management undertaken by the Humiscope team - while keeping our client's abreast of the project's progress.

Climate Controlled Environments

TURNKEY SOLUTIONS

we provide the full solution of work, from initial design to project management.

CONVERT AN EXISTING SPACE

we convert existing spaces into fully sealed and ducted rooms. Seamlessly retrofitting state-of-the-art HVAC equipment with your current systems.

Whatever your requirements, we can provide, and do so in full accordance with current regulations and legislation.

We are committed to our clients and in delivering projects on time and in budget.



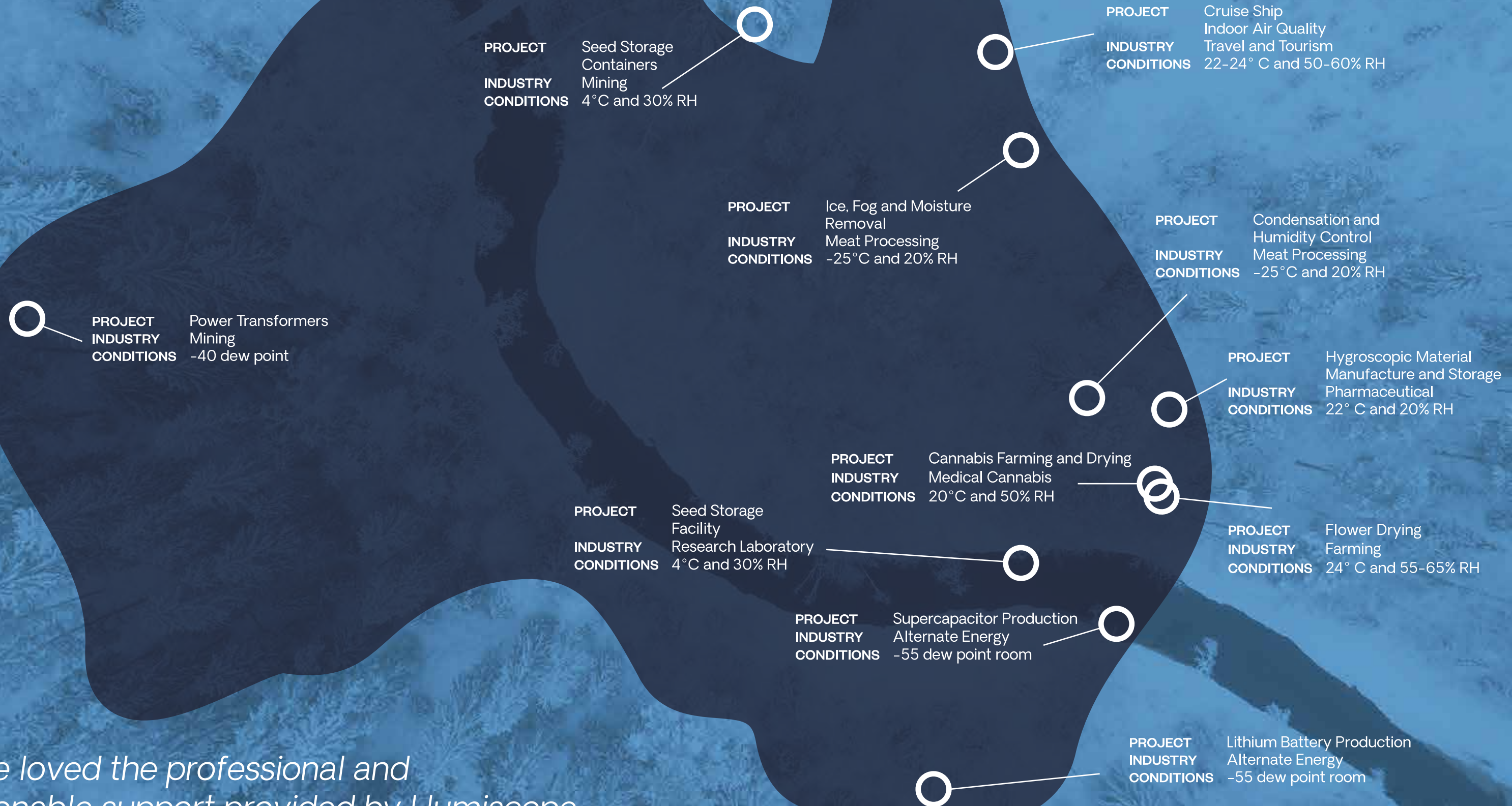
“ Katherine was terrific! Nothing was too much trouble, and she couldn't have been more helpful.

~ Peter Schulte, Managing Director, Schulte's, DRYING ROOM



Project Snapshot

Showcasing some projects throughout Australia



“ We loved the professional and personable support provided by Humiscope

~ Lodi Pameijer, Owner, Top of the Range Flowers, DRYING ROOM



Areas of Expertise

Wherever indoor environment control is needed, we provide cutting-edge innovative and effective solutions.



INDUSTRIES

- Mining
- Food Production
- Cannabis
- Dairy and Powders
- Plastics
- Sandblasting
- Alternate Energy
- Pharmaceutical
- Storage and Preservation
- Power Generation
- Defense
- ICT

APPLICATIONS

- Low Dew Point
- Drying Rooms
- Dry Rooms
- Cold Rooms
- Refrigerated Dry Rooms



Humiscope offered strong technical support during the inquiry and tender process which provided confidence in the technical knowledge of the company.

They worked well to overcome technical challenges presented with a space constrained project site.

*Dallas Garratt, GM Operations,
Cap-XX Australia Pty Ltd
LOW DEW POINT ROOM*

Who We Work With

Humiscope provides a unique set of products and services from simple applications to meticulously designed solutions. We work in tandem with HVAC contractors, consultants, engineers, builders and directly with the end user.

We understand our clients' concerns, and know the technical challenges. We assist in streamlining their operations and help to protect valuable assets.



We chose Humiscope because they had a great understanding of our requirements which led to a tailor made option suited to our process and available budget.

*Dallas Garratt, GM Operations,
Cap-XX Australia Pty Ltd
LOW DEW POINT ROOM*



Case Studies



Whether it's maintaining temperature, controlling humidity or improving air quality, Humiscope helps businesses to master their indoors through efficient, effective and reliable end-to-end indoor environment solutions.



SUPER BUTCHER
AGE DRYING MEAT

DRYING ROOM

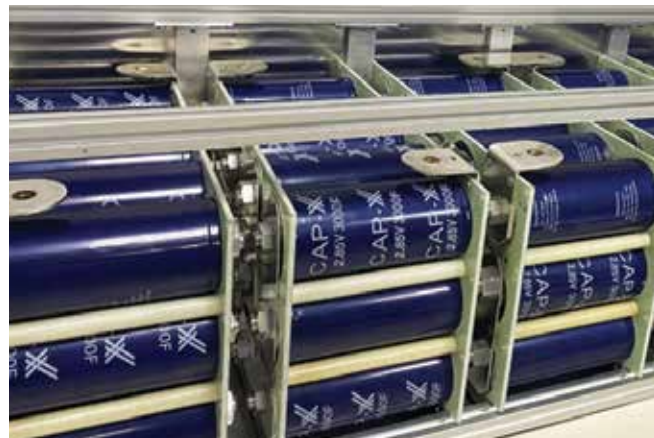
“ This is by best set up I've ever seen. It has sped up our curing time and increased the quality of the meat”



BSA LIMITED
DEHUMIDIFIER HIRE

COLD DRY ROOM

“ Andrew was fantastic. His commitment to getting the job done was impeccable. He was brilliant.



CAP-XX AUSTRALIA
SUPERCAPCITOR MANUFACTURE

LOW DEW POINT ROOM

“ Humiscope offered strong customer service throughout the entire project and backed it up with thorough technical knowledge.



TOP OF THE RANGE FLOWERS
FLOWER DRYING

DRYING ROOM

“ The dehumidifier is working very well with the weight of the product dropping, which was the goal.



With over 35 years' experience controlling indoor environments, it's safe to say we know our stuff

WORK WITH US

Humiscope is fortunate to work with a raft of awesome professionals all with varied portfolios and years of industry experience.

Meet the Team



John Morgan
DIRECTOR AND TECHNICAL EXPERT

Considered a leader in his field, John's extensive knowledge of globally used HVAC systems and dedication to his craft, makes him a highly sought-after professional in the HVAC +R sector.



Katherine Edwards
OPERATIONS MANAGER

Katherine has been with Humiscope since it opened its doors in 2015. She has over 20 years of admin experience and a robust understanding of the industrial sector.



Rob Hawkes
SALES

Rob has been in sales for decades, including running his own successful sales coaching company which champions ethical sales. He is a big believer in honesty and transparency both in his role and in life.



Mark Jones
BUSINESS MANAGER - NSW

Experienced Sales & Operations Manager with a wealth of experience in the HVAC +R sector. Working alongside major HVAC OEMs on high demand products for large national and multinational companies.



Paula Andrea Gil
CIVIL ENGINEERING DRAFTSPERSON

With over six years industry experience and highly skilled in BIM modelling, Paula creates digital representations of the physical and functional characteristics of a space, giving Humiscope clients the ability to visualise their projects by offering a more in-depth view of proposed work.



Melissa Le Roux
APPLICATIONS SPECIALIST

Melissa has been with Humiscope since 2015. She is highly skilled and specialises in process dehumidification, as well as temporary applications. Melissa has worked with a diverse range of industries both in Australia and overseas.



Ladan Bage
MECHANICAL ENGINEER

A Master's of Science in Mechanical Engineering and years of industry experience in R&D, HVAC, manufacturing, and construction sites, Ladan brings a wealth of experience to Humiscope. Her designs have proven operationally effective and her expert use of design software gives her the ability to bring a client's dreams to life.



Andrew Rankin
SERVICE MANAGER

Years of specialist experience in desiccant and refrigerant dehumidifier service, maintenance and repair. Andrew performs detailed onsite assessments of existing equipment and through his years of experience he is able to offer sound, useful and expert advice.



Victor Miranda
SERVICE TECHNICIAN

Victor is a fully qualified trade professional in Refrigeration and Air Conditioning with specialised training in dehumidification technology. Victor has worked with us since 2020 and has become a valuable asset to the Humiscope team.



Sheldon Fernandez
SERVICE TECHNICIAN

Sheldon is technically savvy and highly skilled. He possesses an in-depth understanding of the intricate workings of HVAC +R equipment. Sheldon's technical know-how coupled with his meticulous nature, ensures that every task he undertakes is executed with precision and attention to detail.

Licenses and Certifications



● QBCC
Queensland Building and Construction Commission

● ELECTRICAL CONTRACTORS' LICENSES



● ARKTick
Australian Refrigeration Council. National license for fluorocarbon refrigerants



● ISO 9001
Quality Management Standards Certification

● MECHANICAL SERVICES
Air-conditioning and Refrigeration Licenses



● IPCA
Insulated Panel Council Australia Ltd.

Call us – obligation free – and we can talk through your specific concerns and suggest some solutions that would work best for you!

Humiscope
Master your indoors

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